

# HYDRAULIC JACK INCORPORATING ACCUMULATOR AND HYDRAULIC ELEVATOR USING THE SAME

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- European:

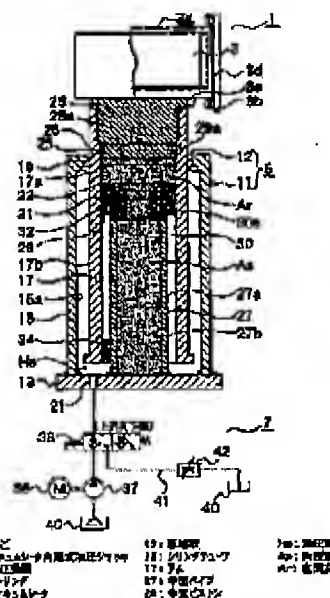
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## Abstract of JP2002372008

**PROBLEM TO BE SOLVED:** To provide a hydraulic jack incorporating an accumulator capable of miniaturizing hydraulic equipment, reducing its installation area and noise, and saving energy by incorporating the accumulator. **SOLUTION:** These hydraulic jacks 5, 5A, 5B, 5D prolong rams 17, 17A, 17B by pressure oil from a hydraulic source 37 against a load acting on the rams inserted into a cylinder tube 15. These hydraulic jacks incorporating the accumulator are provided with accumulator chambers As and Ar, Asa and Ara, Ams and Amr storing compressed gas acting on the descent and ascent of the rams inside the rams.



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